

Converting Colors

XYZ(17.6521, 9.5627, 20.3268)

Have a look what the booklet for
XYZ(17.6521, 9.5627, 20.3268)
contains.

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Color

**XYZ(17.6291, 9.5528,
20.3167)**

Conversions

Conversions Part 1

Format	Color
Hex	9A237D
RGB	154, 35, 125
RGB Percent	60%, 14%, 49%
CMY	0.3961, 0.8627, 0.5098
CMYK	0.00, 0.77, 0.19, 0.40
HSL	315°, 63%, 37%
HSV	315°, 77%, 60%
XYZ	17.6291, 9.5528, 20.3167
YIQ	80.8410, 42.0340, 53.2180

Conversions

Conversions Part 2

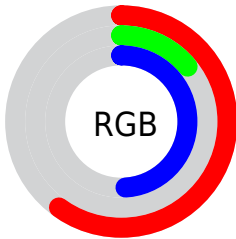
Format	Color
RYB	154, 35, 125
Decimal	10101629
CIELab	37.03, 56.58, -22.86
CIELCh	37, 61.022, 338.000
Yxy	9.5528, 0.3711, 0.2011
Android (android.graphics.Color)	4288291709 (0xFF9A237D)
YUV	80.8410, 21.7704, 64.1604
Hunter-Lab	30.9076, 47.7246, -17.3382

Details

The XYZ color **17.6291, 9.5528, 20.3167** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **13.1747, 23.8390, 8.7588**, and the grayscale version is **7.7432, 8.1465, 8.8715**.

A 20% lighter version of the original color is **39.1016, 25.0401, 44.8918**, and **6.4501, 3.1745, 7.1102** is the 20% darker color. If you saturate the color by 10%, you get **17.0361, 8.7432, 18.9584**, and if you desaturate by 10%, it is **18.4307, 10.7648, 21.7894**.

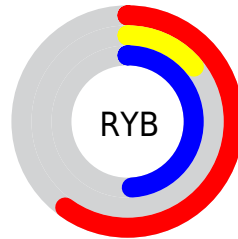
Distribution



Red (60%)

Green (14%)

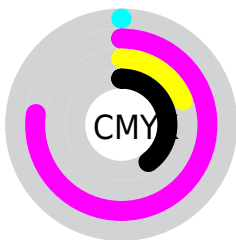
Blue (49%)



Red (60%)

Yellow (14%)

Blue (49%)

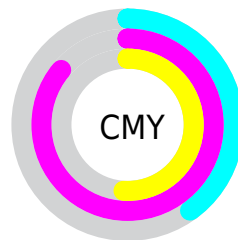


Cyan (0%)

Magenta (77%)

Yellow (19%)

Black (40%)



Cyan (40%)


Magenta (86%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.6291, 9.5528, 20.3167 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 17.6291, 9.5528, 20.3167 by changing the saturation by 10% instead.

 17.6291, 9.5528,
20.3167


 17.6291, 9.5528,
20.3167


231.8583,
187.4499, 266.2852


 10.7821, 5.1035,
12.4391


 38.9394, 24.9509,
44.8134

 5.9867, 2.3081,
6.9173


 54.1333, 36.6685,
62.2697


 2.8776, 0.7780,
3.3328

 72.8403, 51.5776,
83.7559

 1.0894, 0.0000,
1.2670

 95.4257, 70.0626,
109.6906

 0.0162, 0.0000,
0.0345

 122.2549, 92.5079,
140.4923

 0.0000, 0.0000,
0.0000

 153.6931,

119.2980, 176.5796

190.1058,
150.8172, 218.3711

■ 17.6291, 9.5528,
20.3167

■ 17.6291, 9.5528,
20.3167

■ 17.0361, 8.7432,
18.9584

■ 18.4307, 10.7648,
21.7894

■ 16.6121, 8.2574,
17.7005

■ 19.4631, 12.4240,
23.3842

■ 16.5061, 8.1419,
17.3677

■ 20.7468, 14.5709,
25.1085

■ 22.2997, 17.2411,
26.9685

■ 24.1378, 20.4668,
28.9703

■ 26.2761, 24.2775,
31.1191

■ 28.7283, 28.7008,
33.4200

■ 31.5075, 33.7625,
35.8779

■ 34.6259, 39.4867,
38.4972

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



14.3331, 9.5528, 36.9587



17.6291, 9.5528, 20.3167



18.3528, 9.5528, 7.7638

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



17.6291, 9.5528, 20.3167



8.1047, 9.5528, 0.2385



4.4701, 9.5528, 29.2144

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



17.6291, 9.5528, 20.3167



13.1747, 23.8390, 8.7588

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



3.6143, 9.5528, 13.5775



17.6291, 9.5528, 20.3167



5.2980, 9.5528, 1.1080

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



17.6291, 9.5528, 20.3167



12.0854, 9.5528, 0.5077



3.8683, 9.5528, 4.3875



6.6188, 9.5528, 44.1272

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



17.6291, 9.5528, 20.3167



17.1332, 9.5528, 3.3675



3.8683, 9.5528, 4.3875



4.0533, 9.5528, 23.5628

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



17.6294, 9.5533, 20.3169



45.2608, 39.6861, 54.0804



8.4695, 4.5850, 31.0105



9.9584, 8.4748, 11.9468



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.6294, 9.5533, 20.3169



30.3500, 15.1900, 32.6918



14.9331, 8.4747, 6.1181



6.3968, 6.2979, 7.4699



13.4625, 6.6392, 14.2264



0.2151, 0.1048, 0.2858

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



17.6294, 9.5533, 20.3169



30.3500, 15.1900, 32.6918



15.7786, 24.8805, 22.4707



6.3968, 6.2979, 7.4699



13.4625, 6.6392, 14.2264



0.2151, 0.1048, 0.2858

Previews

White Background



This preview shows how the XYZ color 17.6291, 9.5528, 20.3167 looks on a white background.

Color Contrast Check

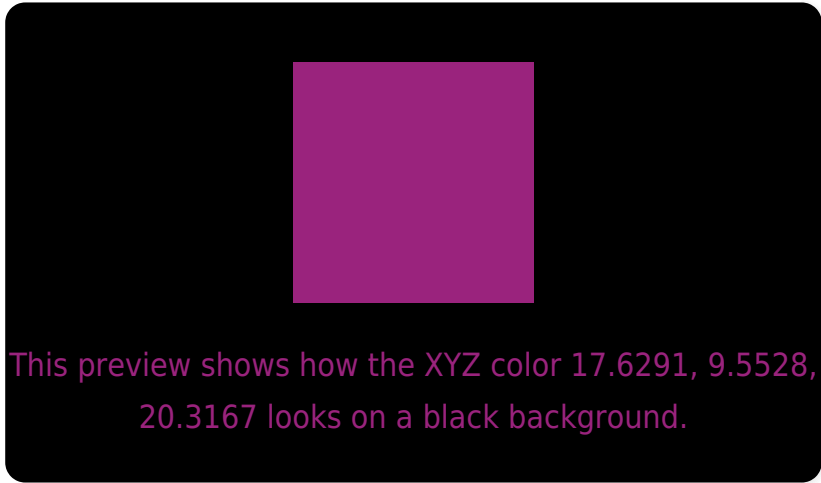
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

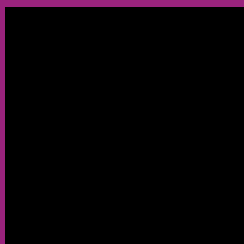
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.6291, 9.5528, 20.3167

Background



This preview shows how black text looks on a background with the XYZ color 17.6291, 9.5528, 20.3167.



This preview shows how white text looks on a background with the XYZ color 17.6291, 9.5528,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

17.6291, 9.5528, 20.3167

Protanopia

11.2929, 9.9666, 37.4049

Deuteranopia

9.9865, 9.8299, 18.5106



Tritanopia

14.5182, 9.5591, 5.4948

Trichromacy



Original Color

17.6291, 9.5528, 20.3167

Protanomaly

11.3394, 8.1800, 30.2594

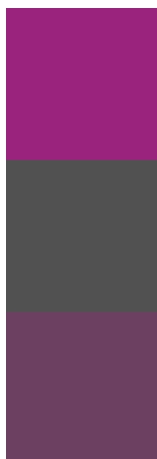
Deuteranomaly

11.5817, 8.6405, 19.1465

Tritanomaly

15.2762, 9.3207, 9.3814

Monochromacy



Original Color

17.6291, 9.5528, 20.3167

Achromatopsia

7.8210, 8.2283, 8.9606

Achromatomaly

10.1754, 7.7180, 12.2627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6291, 9.5528, 20.3167 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(154, 35, 125)` looks like.

```
.text, #text, p{  
    color:rgb(154, 35, 125)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(154, 35, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 35, 125) }
```

Border

The CSS property to change the border of an element to XYZ 17.6291, 9.5528, 20.3167 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(154, 35, 125) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(154, 35, 125) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(154, 35, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 35, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 35, 125);  
box-shadow:4px 4px 4px 4px rgb(154, 35,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6291, 9.5528, 20.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 35, 125) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(154, 35,  
125) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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